1. Very High Frequency (VHF) have _____ wavelengths.

A. Shorter
B. Shortest
C. Longer
D. Longest

2. Long-sight defect could be corrected by using __________ lens.

A. concave

B. convex

C. diverging

D. none of these

3. Deficiency of Vitamin-A results in

A. Night blindness
B. Rickets
C. Scurvy
D. Hair fall

4. For a fixed mass of gas at constant temperature, if we decrease volume, the pressure will

A. Also decrease
B. Increase
C. Remains constant
D. None of these

5. The lifespan of Red Blood Cells is _____ days.

A. 60

B. 120

C. 180

D. 240

6. Radioactivity was discovered by

A. Lord Kelvin
B. J. J. Thomson
C. Ernest Rutherford
D. Henri Becquerel

7. A device which converts chemical energy into electrical energy is called

A. Motor

B. Generator

C. Moving-coil meter

D. Battery

8. The Sun is a

A. Star
B. Planet
C. Asteroid
D. Meteor

9. The average adult has a blood volume of about __________ liters.

A. 4

B. 5

C. 6

D. 7

10. Deficiency of Vitamin-D results in

A. Night blindness
B. Rickets
C. Scurvy
D. Hair fall

11. The SI unit of “pressure” is

A. Pascal

B. Joule

C. Tesla

D. Henry

12. The most densest substance on the Earth is

A. Platinum

B. Copper

C. Steel

D. Osmium

13. A camera uses a ________ to form an image.

A. Convex lens

B. Concave lens

C. Condenser lens

D. None of these

14. CNG stands for?

A. Converted Natural Gas
B. Conduced Natural Gas
C. Conducted Natural Gas
D. Compressed Natural Gas

15. Which from the following is true for “Sound”?

A. Sound cannot travel through a vaccum
B. Sound cannot travel through gases
C. Sound cannot travel through liquids
D. Sound cannot travel through solids

16. When white light is passed through a prism, it splits into _____ colours.

A. 5

B. 6

C. 7

D. 8

17. 1 nanometer = ________?

A. 10^{-3} meter

B. 10^{-6} meter

C. 10^{-9} meter

D. 10^{-12} meter

18. Instrument used for measuring very high temperature is

A. Pyroscope

B. Pyrometer

C. Seismograph

D. Xylometer

19. Sound waves are ________ waves.

A. Transverse

B. Electromagnetic

C. Longitudinal

D none of these

20. How many bones are there in a newly born infant?

A. 206

B. 230

C. 280

D. 300

21. The fluid part of blood is known as

A. Plasma

B. Platelets

C. Blood cells

D. Hormones

22. X-rays were discovered by

A. Rontgen
B. Thomson
C. Rutherford
D. Bacquerel

23. The speed of light is

A. 200,000 km/s

B. **300,000 km/s**

C. 400,000 km/s

D. 500,000 km/s

24. ______ is mixed to melt the ice on the icy roads.

A. Salt

B. Chlorine

C. Carbon dioxide

D. Water

25. In a very low temperature which from the following will freeze at last?

A. River water

B. Canal water

C. Sea water

D. Water in a lake

26. The nearest planet to the Earth is

A. Venus

B. Mercury

C. Mars

D. Moon

27. The planet that moves around the Sun at the highest speed is?

A. Jupiter

B. Venus

C. Mars

D. Mercury

28. In general, Comets have ______ orbits.

A. Elliptical

B. Highly elliptical

C. Circular

D. Parabolic

29. GPS is an abbreviation for?

A. Global Poles System

B. Global PolySiliconium Store

C. Global Positioning System

D. Global Position Structure

30. At night, Plants intake

A. Oxygen
B. Carbon dioxide
C. Carbon monoxide
D. Nitrogen

31. Urine is produced in

A. Kidneys
B. Lungs
C. Large intestine
D. Liver

32. Blood is cleaned by

A. Lungs

B. Liver

C. Heart

D. Kidneys

33. The Great Spot is on the planet

A. Saturn

B. Venus

C. Mars

D. Jupiter

34. The planets visible to us without using a telescope are:

A. 3

B. 4

C. 5

D. 6

35. According to Big Bang Theory, the Universe began about ____ billion years ago.

A. 10 – 20

B. 20 – 30

C. 30 – 40

D. 40 – 50

36. Biosensor is used to measure?

A. Blood glucose level

B. The body pH value

C. Amount of hemoglobin

D. Salinity in Urine

37. Einstein’s famous equation which states that mass and energy are interchangeable is?

A. E = mc2

B. E = cm2

C. M = ec2

D. M = ce2

38. The SI unit of electric current is?

A. Coloumb

B. Ampere

C. Volt

D. Watt

39. The principal constituent of the atmosphere of the Earth is?

A. Oxygen

B. Carbon

C. Hydrogen

D. Nitrogen

40. What is Dry Ice?

A. Solid Oxygen

B. Solid Carbon Dioxide

C. Solid Hydrogen

D. Solid Nitrogen

41. What are the primary colours?

A. White, Black, Blue

B. Red, Yellow, Blue

C. Red, Orange, Blue

D. Red, Green, Blue

42. Carrot is good source of Vitamin?

A. A

B. B complex

C. C

D. D

43. Deficiency of ____ causes loss of appetite and poor growth.

A. Zinc

B. Iodine

C. Copper

D. Iron

44. Meteorology is the study of?

A. Seasons

B. Atmosphere

C. Air and sounds

D. Winds and clouds

45. Percentage of Carbon Dioxide in the Atmosphere is?

A. 0.039%

B. 3.9%

C. 13%

D. 30%

46. The gas, commonly known as "laughing gas", is

A. Cabon Dioxide

B. Sulfur Dioxide

C. **Nitrous Oxide**

D. Sodium Oxide

47. The source of oxygen in photosynthesis is

A. Water

B. Salts

C. Minerals

D. Glucose

48. The instrument used to measure wind speed is

A. Anemometer

B. Barometer

C. Hydrometer

D. Hygrometer

49. The natural fats and oils are composed of

A. Carbon, Hydrogen and Oxygen

B. Carbon, Hydrogen and Nitrogen

C. Carbon, Oxygen and Nitrogen

D. Hydrogen, Oxygen and Nitrogen

50. The energy value of food is measured in

A. Joule

B. Calories

C. Tesla

D. Proteins

51. Wind energy is the ____ energy.

A. Potential

B. Transverse

C. **Kinetic**

D. Mechanical

52. Water covers ______ of the Earth's surface.

A. 60%

B. 65%

C. 70%

D. 75%

53. The device used to convert Alternating Current into Direct Current is called

A. Anemometer

B. Battery

C. Galvanometer

D. Rectifier

54. The guitar has____strings.

A. 4

B. 5

C. 6

D. 7

55. The device used to measure movements of the heart is

A. Cardiograph

B. Seismograph

C. Hydrometer

D. Hygrometer

56. A person seated in front of a fire receives heat by

A. Conduction

B. Convection

C. Radiation

D. None of these

57. Battery was invented by

A. Volta

B. Hero

C. Fermi

D. Maiman

58. The nearest planet to the Sun is

A. Mercury

B. Venus

C. Mars

D. Jupiter

59. The entropy of the universe is

A. Increasing

B. Decreasing

C. Constant

D. None of these

60. Salty water can be made pure by the method of

A. Filtration

B. Evaporation

C. Chromatography

D. Distillation

61. A battery converts _____ into electrical energy.

A. Potential energy

B. Chemical energy

C. Nuclear energy

D. Mechanical energy

62.Current is the flow of

A. Electrons

B. Protons

C. Neutrons

D. Voltage

63. The unit of current is

A. Volt

B. Ampere

C. Ohm

D. Watt

64. Electrons were discovered by

A. James Chadwick

B. J.J. Thomson

C. F.W. Aston

D. Rutherford

65. The metal which is liquid at room temperature is?

A. Zinc

B. Nickol

C. Lead

D. Mercury

66. Between the melting point and boiling point of a substance, the substance is a?

A. Solid

B. Liquid

C. Gas

D. Crystal

67. The boiling point of alcohol is

A. 78 °C

B. 86 °C

C. 94 °C

D. 100 °C

68. The Earth's atmosphere is divided into_______ main layers.

A. 4

B. 5

C. 6

D. 7

69. The Tectonic Plates of the Earth lies in

A. Inner Core

B. Outer Core

C. Lithosphere

D. Asthenosphere

70. The fresh water on the Earth is ________ of the total water.

A. 2.5%

B. 5%

C. 7.5%

D. 10%

71. The Ozone Layer lies in the

A. Troposphere
B. Stratosphere
C. Mesosphere
D. Thermosphere

72. Milk contains water percentage

A. 67%

B. 77%

C. 87%

D. 97%

Whole milk, as defined by the Milk Act, which regulates milk content, contains as least 3.25 percent milk fat. It also contain at least 8.25 percent protein, sugar (or carbohydrates) and vitamins and minerals. Otherwise, whole milk is made up of water---about 87 percent.

73. Which type of rock may contain fossils?

A. Igneous
B. Metamorphic
C. Sedimentary
D. Crystals

74. The mass is highly concentrated form of

A. Weight

B. Energy

C. Force

D. Momentum

75. We live on the Earth’s

A. Inner core

B. Outer core

C. Crust

D. Mantle

76. Ships use _____ to find the depth of the ocean beneath them.

A. Pitches

B. Echoes

C. Frequencies

D. None of these

77. Fathom is the unit of measurement of

A. Depth of water

B. Flow of water

C. Volume of water

D. Density of water

78. The heart of normal adult human being weighs about

A. 200 grams

B. 300 grams

C. 400 grams

D. 500 grams

79. Which of the following blood groups of human being is a universal donor?

A. AB

B. A

C. B

D. O

80. Which of the following has the highest fat content?

A. Potato

B. Milk

C. Rice

D. Sugar

81. Which of the following is nearly a complete food itself?

A. Cheese

B. Milk

C. Rice

D. None of Above

82. Through which of the following media does light travel fastest?

A. Vaccum

B. Water

C. Glass

D. Air

83. The red blood cells originate in the

A. Brain

B. Muscles

C. Ligaments

D. Bone Marrow

84. Circulation of blood in the body was discovered by

A. Joseph Lister

B. Roberal Hooke

C. Jonas Salk

D. William Harvey

85. Which of the following is not the color in rainbow?

A. Black

B. Blue

C. Indigo

D. Violet

86. Pure gold is

A. 17 carat

B. 24 carat

C. 20 carat

D. 36 carat

87. One horsepower is equal to

A. 736 watts

B. 746 watts

C. 748 watts

D. 756 watts

88. Which of the following is most elastic?

A. Glass

B. Steel

C. Rubber

D. Sponge

89. When ice melts into water, its

A. Volume Increases

B. **Volume decreases**

C. Mass Increases

D. Mass decreases

[redacted]

90. Heat form the sun is received by the earth through

A. Conduction

B. Convection

C. Radiation

D. None of these

91. Which one of the following vitamins is associated with clotting of blood?

A. A

B. B

C. C

D. K

92. Yeast is used in making bread because it produces

A. Carbon Dioxide

B. Sugar

C. Bacteria

D. None of These

93. Television signals are converted into light signals by

A. Optical fiber

B. Transistor

C. Decoder

D. Photo diode

94. Deficiency of which of the following vitamins causes “Night Blindness”

A. Vitamins A

B. Vitamins B

C. Vitamins C

D. Vitamins D

95. Dead red blood corpuscles are stored in

A. Liver

B. Spleen

C. Kidney

D. Both a & b

96. A device that converts mechanical energy into electric energy is called

A. Transformer

B. Motor

C. Generator

D. None of These

97. Light travels in

A. Longitudinal Waves

B. **Transverse Waves**

C. Both a and b

D. None of These

98. Genetic Engineering is a branch of

A. Biology

B. Electronics

C. Mechanical Engineering

D. None of These

99. What is the body temperature of a normal adults?

A. 81.1 °C

B. 37 °C

C. 85 °C

D. None of these

100. How many bones are there in an adult human being?

A. 306

B. 106

C. 206

D. None of these

https://github.com/AliBalti/python-assignment1.git

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